ABSTRACT

Non-deterministic digital content can be generated frequently and automatically. The content can then be delivered to another device using local and remote communication channels. One type of digital content is access code for accessing a host (which, in many cases, is located in the home or office of a user). There is no need for the user to remember any number or perform any special operations. In one embodiment of the present invention, the host contains information or devices that the user wishes to access remotely using a portable unit. Either the host or portable unit (the originator) generates non-deterministic access codes at regular time intervals (e.g., once a day) using a random number generator. The non-deterministic codes are delivered to the counterpart (host or portable unit) of the originator using local communication. Because the user is likely to visit his/her home or office frequently, the codes can be updated frequently. When the user is far away from the host, he/she can use the codes stored in the portable unit to access the host.